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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bird et al	Filing Date: Not yet assigned
Application No.: 10/524977	Attorney Docket No.: 100811-1P US
PCT Application No.: PCT/GB03/03633	Examiner: Not yet assigned
Title: DERIVATIVES OF 3-HYDROXY-4-(CYCLYL-ALKYLAMINOALKYL)-5-PHENYL-1H-PYRAZOLE AS ANTAGONISTS OF THE GONADOTROPIN RELEASING HORMONE (GNRH) FOR USE IN THE TREATMENT OF SEX HORMONE RELATED CONDITIONS, SUCH AS PROSTATIC OF UTERINE CANCER	

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 19, 2005.



Signature
Bernadette Holder

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir,

Applicants submit herewith a list of patents and publications pursuant to the duty to disclose in accordance with 37 C.F.R. § 1.56.

In accordance with 37 C.F.R. § 1.97 (g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that the information cited is material to patentability as defined in 37 C.F.R. § 1.56.

In accordance with the U.S. Patent Office's partial waiver of the requirement under 37 C.F.R. 1.98(a)(2)(i), only copies of the foreign patent documents and non-patent publications are enclosed.

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REMARKS

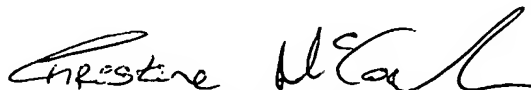
In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed:

before the mailing of the **first Office Action** on the merits, and therefore no fee is believe due.

It is respectfully requested that each of the patents and publications listed on the attached Form SB08, and other information contained herein, be considered by the Examiner and made of record in this application

Although Applicants believe no fees are due, the Commissioner is hereby authorized to charge any deficiency in the fees or credit any overpayment to deposit account No. 50-3231, referencing Attorney Docket No. 100746-1P US.

Respectfully submitted,



Name: Christine McCormack
Dated: August 19, 2005
Reg. No.: L0065
Phone No.: 781-839-4693

Global Intellectual Property, Patents,
AstraZeneca R&D Boston,
35, Gatehouse Drive,
Waltham,
MA 01760

Enclosures: Form SB08A (3 sheets – 36 documents)
Form SB08B (3 sheets – 20 documents)
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Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/524977
Filing Date	Not yet assigned
First Named Inventor	BIRD, Thomas Geoffrey
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	100811-1P US

SHEET 1 of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	AA	WO 00/31072 A1	06-02-2000			<input type="checkbox"/>
	AB	WO 00/31063 A1	06-02-2000			<input type="checkbox"/>
	AC	JP 10 287655 (A) (+ Abstract)	10-27-1998			<input type="checkbox"/>
	AD	WO 02/48112 A2	06-20-2002			<input type="checkbox"/>
	AE /	WO 00/53602 A1	08-14-2000			<input type="checkbox"/>
	AF /	WO 03/53927 A1	07-03-2003			<input type="checkbox"/>
	AG /	WO 02/66459 A1	08-29-2002			<input type="checkbox"/>
	AH /	WO 02/92565 A2	11-21-2002			<input type="checkbox"/>
	AI /	WO 00/69433 A1	11-23-2000			<input type="checkbox"/>
	AJ /	WO 00/04013 A1	01-27-2000			<input type="checkbox"/>
	AK /	WO 99/41252 A1	08-19-1999			<input type="checkbox"/>
Examiner Signature				Date Considered		

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First Named Inventor	BIRD, Thomas Geoffrey
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	100811-1P US

SHEET 2 of 6

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	AL ✓	WO 99/41251 A1	08-19-1999			<input type="checkbox"/>
	AM ✓	WO 99/21557 A1	05-06-1999			<input type="checkbox"/>
	AN	WO 99/21553 A1	05-06-1999			<input type="checkbox"/>
	AO ✓	WO 98/55479 A1	12-10-1998			<input type="checkbox"/>
	AP ✓	WO 98/55470 A1	12-10-1998			<input type="checkbox"/>
	AQ	WO 98/55123 A1	12-10-1998			<input type="checkbox"/>
	AR ✓	WO 98/55119 A1	12-10-1998			<input type="checkbox"/>
	AS ✓	WO 98/55116 A1	12-10-1998			<input type="checkbox"/>
	AT	WO 97/21707 A1	06-19-1997			<input type="checkbox"/>
	AU	WO 97/21704 A1	06-19-1997			<input type="checkbox"/>
	AV	WO 97/21703 A1	06-19-1997			<input type="checkbox"/>
	AW	WO 97/21435 A1	06-19-1997			<input type="checkbox"/>
	AX	WO 00/53185 A1	08-14-2000			<input type="checkbox"/>
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Art Unit	Not yet assigned
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Attorney Docket No.	100811-1P US

SHEET 3 of 6**U.S. PATENT DOCUMENTS**

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	AY	WO 00/53181 A1	08-14-2000			<input type="checkbox"/>
	AZ	WO 00/53180 A1	08-14-2000			<input type="checkbox"/>
	BA	WO 00/53179 A1	08-14-2000			<input type="checkbox"/>
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	BE	WO 99/51234 A1	10-14-1999			<input type="checkbox"/>
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	BI	EP 1468990 A1	10-20-2004			<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	Date Considered
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First Named Inventor	BIRD, Thomas, Geoffrey
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	100811-1P US

SHEET 4 of 6

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BK	O'CALLAGHAN, C, N 'Synthesis of ethyl 3-oxo-4-pyrazolidine carboxylates.' Journal of the Chemical Society, Perkin Transactions 1: Organic and Bioorganic Chemistry, 1972, vol. 11, pp. 1416-1419.	<input type="checkbox"/>
	BL	MOHAREB et al 'The reaction of 2-amino-3-cyano-4,5,6,7-tetrahydrobenzo[b]-thiophene with diethyl malonate: synthesis of coumarin, pyridine, and thiazole derivatives.' Heteroatom Chemistry, 2001, vol. 12(13), pp. 168 – 175.	<input type="checkbox"/>
	BM	AFRIDI et al 'Preparation of NN'-linked bi(heteroaryls) from dehydroacetic acid and 2,6-dimethyl-4-pyrone.' Journal of the Chemical Society, Perkin Transactions 1: Organic and Bioorganic Chemistry, 1977, vol. 12, pp. 1428 – 1436.	<input type="checkbox"/>
	BN	MUSTAFA et al 'Reactions of substituted coumarins, furocoumarins, and khellinonestyryl derivatives with hydrazine and phenylhydrazine.' Justus Liebigs Annalen der Chemie, 1966, vol. 692, pp. 166 – 173.	<input type="checkbox"/>
	BO	ASHTON et al 'Substituted Indole-5-carboxamides and -acetamides as Potent Nonpeptide GnRH Receptor Antagonist.' Bioorganic & Medicinal Chemistry Letters 2001, vol. 11, pp. 1723-1726.	<input type="checkbox"/>
	BP	ASHTON et al 'Potent Nonpeptide GnHR Receptor Antagonists Derived from Substituted Indole-5-carboxamides and -acetamides Bearing a Pyridine Side-Chain Terminus.' Bioorganic & Medicinal Chemistry Letters 2001, vol. 11, pp. 1727-1731.	<input type="checkbox"/>
	BQ	ASHTON et al 'Orally Bioavailable, Indole-Based Nonpeptide GnHR Receptor Antagonists with High Potency and Functional Activity.' Bioorganic and medicinal Chemistry Letters 2001, vol. 11, pp. 2597 – 2602.	<input type="checkbox"/>
Examiner Signature			Date Considered

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First Named Inventor	BIRD, Thomas, Geoffrey
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	100811-1P US

SHEET 5 of 6**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BR	CHU et al 'Initial Structure-Activity Relationship of a Novel Class of Nonpeptidyl GnHR Receptor Antagonists: 2-Arylindoles.' Bioorganic and Medicinal Chemistry Letters 2001, vol. 11, pp. 509 – 513.	<input type="checkbox"/>
	BS	CHU et al 'SAR Studies of novel 5-Substituted 2-Arylindoles as Nonpeptidyl GnHR Receptor Antagonists.' Bioorganic and Medicinal Chemistry Letters 2001, vol. 11, pp. 515 – 517.	<input type="checkbox"/>
	BT	FREIDINGER, R. M. 'Nonpeptide ligands for peptide and protein receptors.' Current Opinion in Chemical Biology 1999, vol. 3, pp. 395 – 406.	<input type="checkbox"/>
	BU	GOULET, M. T. 'Gonadotropin Releasing Hormone Antagonists.' Annual Reports in Medicinal Chemistry 1995, vol. 30, pp. 169 – 178.	<input type="checkbox"/>
	BV	LIN, et al '2-(3,5-Dimethylphenyl)tryptamine Derivatives That Bind to the GnHR Receptor.' Bioorganic & Medicinal Chemistry Letters 2001, vol. 11, pp. 1073 – 1076.	<input type="checkbox"/>
	BW	LIN, et al 'Heterocyclic Derivatives of 2-(3,5-Dimethylphenyl)tryptamine as GnHR Receptor Antagonists.' Bioorganic & Medicinal Chemistry Letters 2001, vol. 11, pp. 1077 – 1080.	<input type="checkbox"/>
	BX	SIMOENE, J. P. 'Synthesis of chiral β -methyl tryptamine-derived GnHR antagonists.' Tetrahedron Letters 2001, vol. 42, pp. 6459 – 6461.	<input type="checkbox"/>
	BY	WALSH et al 'A convergent synthesis of (S)- β -methyl-2-aryltryptamine based gonadotropin releasing hormone antagonists.' Tetrahedron, 2001, vol. 57, pp. 5233 – 5241.	<input type="checkbox"/>
	BZ	YOUNG et al '2-Arylindoles as Gonadotropin Releasing Hormone (GnHR) Antagonists: Optimization of the Tryptamine Side Chain.' Bioorganic & Medicinal Chemistry Letters, 2002, vol. 12, pp. 827 – 832.	<input type="checkbox"/>
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	CA	UJJAINWALLA, F 'Total synthesis of 6- and 7-azaindole derived GnHR antagonists.' Tetrahedron Letters, 2001, vol. 42, pp. 6441 – 6445.	<input type="checkbox"/>
	CB	SIMEONE et al. 'Modification of the Pyridine Moiety of Non-peptidyl Indole GnHR Receptor Antagonists.' Bioorganic & Medicinal Chemistry Letters, 2002, vol. 12, pp. 3329 – 3332.	<input type="checkbox"/>
	CC	GIBBS, J, B 'Pharmaceutical Research in Molecular Oncology.' Cell, 1994, vol. 79, pp. 193 – 198.	<input type="checkbox"/>
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